DYNASTY PROAUDIO WSA-5RP PLUS

Dynasty PROAUDIO WSA-5RP-PLUS Wireless Surround Sound Speaker Kit User Manual

Model: WSA-5RP PLUS | Brand: DYNASTY PROAUDIO

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dynasty PROAUDIO WSA-5RP-PLUS Wireless Surround Sound Speaker Kit. This system is designed to convert your passive rear surround speakers into a wireless setup, eliminating the need for long speaker cables. It features dual-band wireless technology for stable audio transmission and a built-in Class D amplifier to power your speakers.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

Image: The image displays the complete package contents, including the transmitter, receiver, antennas, power adapters, speaker wires, and user manual, laid out next to the product box.

- 1 x WSA-5RP-PLUS Wireless Transmitter (TX)
- 1 x WSA-5RP-PLUS Wireless Receiver (RX)
- 2 x Wireless Antennas
- 2 x Speaker Wires
- 1 x 9V Power Adapter (for Transmitter)
- 1 x Power Cord (for Receiver)
- 1 x User Manual (this document)

PRODUCT OVERVIEW

The Dynasty PROAUDIO WSA-5RP-PLUS system consists of two main units: a Transmitter (TX) and a Receiver (RX).

Transmitter (TX) Unit

Image: Rear panel view of both the Transmitter (top) and Receiver (bottom) units, showing all input and output ports, antennas, and controls.

The Transmitter unit sends audio signals wirelessly to the Receiver. It features:

- **Antenna Port:** For connecting the wireless antenna.
- **Speaker Level Input:** Connects to the speaker outputs of your A/V receiver or amplifier.
- **Stereo RCA Input (Line In):** Connects to RCA line-level outputs from your A/V receiver or preamp.
- **Subwoofer Input:** For connecting a subwoofer signal from your A/V receiver.
- **DC 9V Input:** For connecting the provided 9V power adapter.
- **ATT Switch:** Attenuation switch to adjust input sensitivity (0, -6, -12 dB).
- **Power Switch:** On/Off toggle.
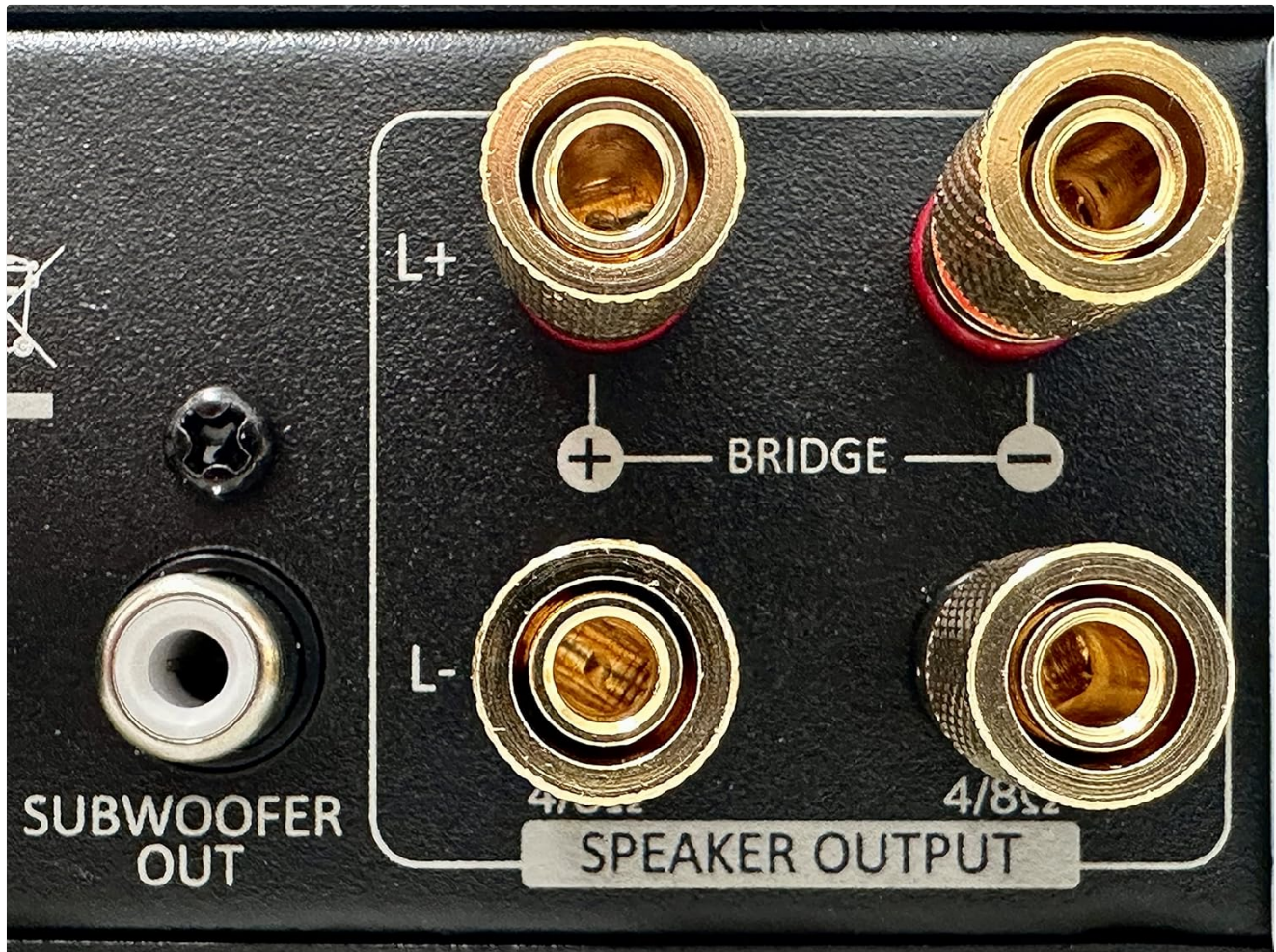- **Status LED:** Indicates power and connection status.

Receiver (RX) Unit

The Receiver unit receives wireless audio signals from the Transmitter and amplifies them for your passive speakers. It features:

- **Antenna Port:** For connecting the wireless antenna.
- **Speaker Output Terminals:** Connects to your passive rear surround speakers (L+/L- and R+/R-). Supports banana plugs or bare wire.
- **Subwoofer Output:** For connecting to an active subwoofer or subwoofer amplifier.
- **Mode Switch:** Selects between Stereo, Bridge, or Mono output modes.
- **Volume Knob:** Adjusts the output volume of the connected speakers.
- **AC Input:** For connecting the provided AC power cord.
- **Power Switch:** On/Off toggle.
- **Status LED:** Indicates power and connection status.

Image: A close-up view of the Receiver's mode switch (Stereo, Bridge, Mono) and the volume control knob.

Image: Detailed view of the speaker output terminals on the Receiver, showing L+ and L- for the left channel, and R+ and R- for the right channel, with a "BRIDGE" indicator.

SETUP INSTRUCTIONS

Follow these steps to set up your wireless surround sound system.

Step 1: Connect Antennas

Screw the provided wireless antennas onto the ANT ports of both the Transmitter (TX) and Receiver (RX) units. Ensure they are securely tightened.

Step 2: Connect Transmitter (TX) to Your A/V Receiver/Amplifier

Choose one of the following connection methods:

1. **Speaker Level Input (Recommended for A/V Receivers):**

- Connect the speaker wires from the rear surround speaker outputs of your A/V receiver/amplifier to the "SPEAKER LEVEL IN" terminals on the TX unit.
- Ensure correct polarity (+ to + and - to -).

2. **Stereo RCA Input (Line In):**

- Connect RCA cables from the line-level audio outputs (e.g., Zone 2 out, Pre-out) of your A/V receiver or preamp to the "LINE IN" RCA ports on the TX unit.

3. **Subwoofer Input (Optional):**

- If you wish to transmit a subwoofer signal, connect an RCA cable from the subwoofer output of your A/V receiver to the "SUBWOOFER IN" port on the TX unit.

Note: Adjust the ATT switch on the TX unit if the input signal is too strong or too weak. Start with 0dB and adjust if distortion or low volume occurs.

Step 3: Connect Receiver (RX) to Passive Speakers

Connect your passive rear surround speakers to the "SPEAKER OUTPUT" terminals on the RX unit using speaker wires. Ensure correct polarity.

- For stereo operation, connect left speaker to L+/L- and right speaker to R+/R-.
- For bridged mono operation (e.g., for a single, more powerful speaker), connect to the BRIDGE terminals. Refer to your speaker's impedance for compatibility.

Optional Subwoofer Connection: If you connected a subwoofer input to the TX unit, you can connect an active subwoofer or subwoofer amplifier to the "SUBWOOFER OUT" port on the RX unit.

PACKAGE LIST
1 x WSA-5RP-PLUS Wireless Transmitter (TX)
1 x WSA-5RP-PLUS Wireless Receiver (RX)
2 x Wireless Antenna
2 x Speaker Wires
1 x 9V Power Adaptor (For Transmitter)
1 x Power Cord (For Receiver)
1 x User Manual

Image: A comprehensive diagram showing how to connect the Transmitter to an A/V receiver (speaker level or line level) and the Receiver to passive rear speakers and an optional subwoofer, including power connections.

Step 4: Power On

Connect the 9V power adapter to the TX unit and plug it into a power outlet. Connect the AC power cord to the RX unit and plug it into a power outlet. Turn on both units using their respective power switches.

OPERATING INSTRUCTIONS

Pairing

The Transmitter and Receiver units are pre-paired at the factory. Upon powering on, the status LEDs on both units will blink blue and then turn solid blue, indicating a successful wireless connection. If they do not connect automatically, press the 'M' (Match) button on both units simultaneously for a few seconds until they pair.

Image: A close-up showing the blue LED indicator (top) and green LED indicator (bottom) on the units, which signify connection status.

Volume Adjustment

Use the "VOLUME" knob on the Receiver (RX) unit to adjust the output level of your rear speakers. It is recommended to set the volume to a moderate level and then fine-tune it using your A/V receiver's speaker level calibration.

Mode Selection (RX Unit)

The RX unit features a mode switch:

- **Stereo:** Standard stereo output for two rear speakers (L/R).
- **Bridge:** Combines the two amplifier channels into a single, more powerful mono output. Use this for a single, higher-power speaker.
- **Mono:** Provides a mono output to both L and R channels.

Select the appropriate mode based on your speaker configuration.

TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers.	- Units not powered on. - Units not paired. - Incorrect input/output connections. - Volume too low on RX unit or A/V receiver. - Speaker wires incorrectly connected.	- Ensure both TX and RX units are powered on and their LEDs are solid blue. - Press 'M' button on both units to re-pair. - Verify all audio input and speaker output connections. - Increase volume on RX unit and A/V receiver. - Check speaker wire polarity and secure connections.

Problem	Possible Cause	Solution
Intermittent sound, pops, or crackles.	- Wireless interference. - TX and RX units too far apart or obstructed. - Weak signal.	- Ensure TX unit is at least 1 meter away from Wi-Fi routers or other wireless devices. - Relocate TX and RX units for better line of sight. - Consider upgrading antennas (if applicable). - Adjust ATT switch on TX unit.
Distorted audio.	- Input signal too strong. - Volume too high. - Incorrect mode selected.	- Adjust ATT switch on TX unit to -6dB or -12dB. - Lower volume on RX unit and/or A/V receiver. - Verify RX unit mode (Stereo, Bridge, Mono) matches your setup.

Specifications

Feature	Detail
Model	WSA-5RP PLUS
Wireless Technology	5.2 & 5.8GHz Dual-Band Digital Wireless
RF Channels	106 (Auto Selection)
Audio Quality	24-bit 48KHz Full CD Quality, Uncompressed
Transmission Range	Up to 100 ft (30M) line of sight
Amplifier Type	Class D
Output Power (RMS)	2 x 100W @ 4 ohm (2 x 50W @ 8 ohm)
Input Sensitivity (TX)	Speaker Level, Stereo RCA Line In, Subwoofer In
Output (RX)	Speaker Output (L/R, Bridge), Subwoofer Out
Product Dimensions	4 x 7 x 1.25 inches (each unit, approximate)
Item Weight	5.27 pounds (total, approximate)
Power Input (TX)	DC 9V (via included adapter)
Power Input (RX)	AC 110V-120V, 60Hz 300W / 220V-240V, 50Hz 300W

Maintenance

To ensure the longevity and optimal performance of your Dynasty PROAUDIO WSA-5RP-PLUS system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the units. Avoid using liquid cleaners, aerosols, or solvents.
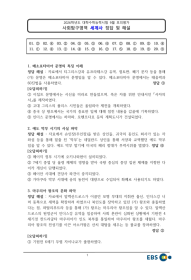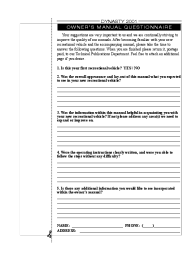
- **Ventilation:** Ensure that the ventilation slots on both units are not obstructed to prevent overheating.
- **Environment:** Operate the units in a dry environment, away from direct sunlight, heat sources, and excessive moisture.
- **Power:** Disconnect power before cleaning or if the units will be unused for an extended period.

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact DYNASTY PROAUDIO customer support directly. For technical assistance or further inquiries, please visit the official DYNASTY PROAUDIO website or contact their customer service department.

Related Documents - WSA-5RP PLUS

[Taramps T 2.800 ProAudio Amplifier - Instruction Manual](#)
Comprehensive instruction manual for the Taramps T 2.800 ProAudio professional amplifier. Learn about installation, operation, technical features, and warranty information.

[2026 CSAT September Mock Exam: World History Answers and Explanations](#)
Comprehensive answers and detailed explanations for the 2026 College Scholastic Ability Test (CSAT) September mock exam in World History, covering key historical periods and civilizations.

[XP Deus II Metal Detector Quick Start Guide and Specifications](#)
A comprehensive guide to the XP Deus II metal detector, covering quick start instructions, power supply information, specifications, accessories, spare parts, and safety precautions. Learn how to set up, use, and maintain your Deus II for optimal performance.

[Monaco Dynasty 2001 Owner's Manual and Questionnaire](#)
Comprehensive owner's manual and questionnaire for the Monaco Dynasty 2001 motorhome by Monaco Coach Corporation, detailing operation, safety, maintenance, warranty, and appliance information.

[XP DEUS II Metalldetektor: Benutzerhandbuch und Einführung](#)
Entdecken Sie den XP DEUS II, einen fortschrittlichen drahtlosen Mehrfrequenz-Metalldetektor. Dieses Handbuch bietet detaillierte Anleitungen, Spezifikationen und Tipps für den Einsatz an Land und unter Wasser.

[XP DEUS II Wireless Multi-Frequency Metal Detector User Manual](#)
Comprehensive user manual for the XP DEUS II wireless multi-frequency metal detector. Learn about its advanced features, operational settings, factory programs, specifications, and maintenance for optimal performance in various environments.